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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/527,897	09/19/2003	Jean-Luc Monnier	GLN-032US	5837

44443 7590 04/06/2007  
NEXSEN PRUET ADAMS KLEEMEIER, LLC  
PO DRAWER 2426  
COLUMBIA, SC 29202-2426

EXAMINER
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AU, SCOTT D

ART UNIT	PAPER NUMBER
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2612

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	04/06/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

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<b>Office Action Summary</b>	<b>Application No.</b>		<b>Applicant(s)</b>	
	10/527,897		MONNIER, JEAN-LUC	
	<b>Examiner</b>		<b>Art Unit</b>	
	Scott Au		2612	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 19 September 2005.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-14 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 March 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
     Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
     Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                                       |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                           | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

### DETAILED ACTION

The application of Monnier for a "Device for limiting access to a confined space" filed March 13, 2002 has been examined.

Claims 1-14 are pending.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dawson et al. (US# 5,488,660).

Referring to claim 1, Dawson et al. disclose a lock for limiting to a confined and secured space, including:

a mechanical lock mechanism,

a control circuit (22) (i.e. processor) for addressing commands to the motor 54,

and

a communication interface characterized in that said interface (42) is provided

with a terminal arranged so as to be able to be connected, via terminal, at least

indirectly, to a computer type management system (52) (i.e. host) (i.e. see Figure 2), which is the only one to be able to allow the lock to be open, and in that all elements of said lock are arranged so as to be able to be placed in said confined space, except for manipulation means of said mechanical control unit and connecting means (i.e. see Figure 2, connection between electronic lock 20 to the host system 52) from said terminal to said management system (col. 6 line 9 to col. 7 line 25).

However, Dawson as silent on teaching in a bolt, an electromechanical device and a mechanical control unit arranged so as to run said bolt from one of said positions to the other. Dawson teaches conditioning to open is accomplished by activating or pulsing stepper motor 54 to complete a mechanical chain of elements to permit opening of the lock 16 (col. 8 lines 21-34; see Figure 2).

Therefore, one ordinary skill in the art at the time of the invention was made recognize that "a bolt, an electromechanical device and a mechanical control unit arranged so as to run said bolt from one of said positions to the other" is silent disclosed by Dawson in order to carry out the opening of the lock 16.

Referring to claim 2, Dawson discloses the lock of claim 1, characterized in that said control circuit includes:

- a memory in which there is stored at least one item of data in correlation with a code capable of commanding the lock to open,
- means for comparing the data and the code, and

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•a pulse generator for operating the electromechanical device when there is a match between the code received and the stored data (col. 6 lines 29-61) .

Referring to claim 3, Dawson discloses the lock of claim 2, characterized in that said memory is also arranged for keeping data relating to the last operations carded out and in that said control circuit is arranged to address data relating to said operations to said management system when it is commanded to do so (col. 6 lines 55-67).

Referring to claims 4,12 and 13, Dawson discloses the lock of claims 1-3, characterized in that said interface is arranged to be exclusively connected to said management system (i.e. see Figure 2, connection between 42 and host 52).

Referring to claim 14, Dawson discloses the lock of claim 1 characterized in that said interface and the control circuit are arranged such that the data originating from outside the lock and addressed to the input terminal conform to a protocol including: a first pulse train (T1) defining the device concerned, a second pulse train (T2) defining the total length of the message, a third pulse train (T3) including data relating to the command transmitted, and a fourth pulse train (T4) for checking that there are no errors (col. 6 line 43 to col. 7 line 25).

Referring to claim 5, Dawson discloses a security device for controlling access confined and secured space including: a lock as claims 1 and 14 combined. Therefore,

claim 15 is rejected for the same reasons given with respect to claims 1 and 14 combined.

Referring to claim 6, Dawson disclose the system of claim 5, characterized in that said coordination device and said lock are arranged such that, unless prohibited by the management system, the opening of said lock can be controlled by said operator by acting on the data input means, by entering said code (col. 6 line 43 to col. 7 line 25).

Referring to claim 7, Dawson disclose the system of claim 6, Dawson tech a vault 12 with lock 16, it is obvious that Dawson teaches the system includes a plurality of locks and a bus connecting said locks to said coordination device.

Referring to claim 8, Dawson discloses a cash dispenser (12) (i.e. vault) including: a lock for limiting access to a confined and secured space as claims 1 and 14 combined. Therefore, claim 8 is rejected for the same reasons given with respect to claims 1 and 14 combined.

Referring to claim 9, Dawson disclose the dispenser of claim 8, characterized in that the management system, the coordination device and the lock are arranged such that the data originating from the management system prevails over the data originating from the data input means (col. 6 line 43 to col. 7 line 25; see Figure 2).

Referring to claim 10, Dawson discloses a management network for security device for controlling access confined and secured space including: a lock as claims 1 and 14 combined. Therefore, claim 10 is rejected for the same reasons given with respect to claims 1 and 14 combined.

Referring to claim 11, Dawson discloses the network of claim 10, characterized in that said control circuit is arranged such that it only addresses the control pulses if said code matches the stored data and if the computer gives its agreement (col. 6 line 43 to col. 7 line 25; see Figure 2).

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Monnier (US# 6,445,281) discloses a dynamically controlled electronic locking system.

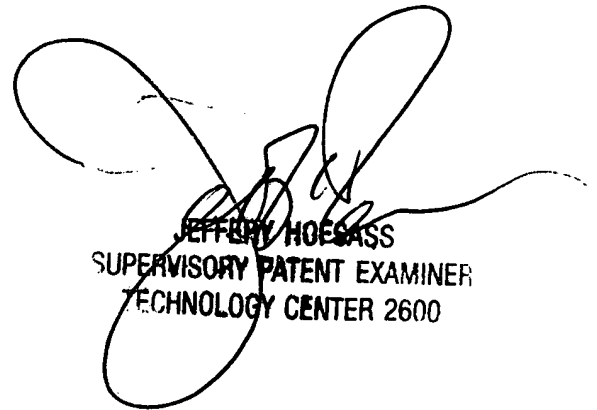
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott Au whose telephone number is (571) 272-3063. The examiner can normally be reached on Mon-Fri, 8:30AM – 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Hofsass can be reached at (571) 272-2981. The fax phone numbers for the organization where this application or proceeding is assigned are (571)-272-1817.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 571-272-3050.

Scott Au  
Examiner  
Art Unit 2612



JEFFERY HOESASS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600